The Problem Concerning the Structure of Benzhydroxame Acids and Some of their Derivatives.

of the solution of these forms in sulphuric acid various lines vanish and they have nearly the same absorption maxima. As found by experiment, both forms of tri-benzhydroxilamine are transformed into di-benzhydroxame (and benzo-)acids under the influence of concentrated sulphuric acids. (With 3 Diagrams).

ASSOCIATION: Not given
PRESENTED BY:
SUBMITTED:
AVAILABLE: Library of Congress

Card 2/2

VOROSHIN, Ye.M.; VLASOV, V.G.

Spectrographic study of phenol acids. Part 1: Hydroxybenzoic acids.
Zhur. ob. khim. 30 no.9:3004-3011 S '60. (MIRA 13:9)

1. Khar'kovskiy farmatsevticheskiy institut.
(Benzoic acid—Spectra)

LUTSKIY, A.Ye.; SOLDATOVA, A.F.; VOROSHIN, Ye.M.

Intramolecular hydrogen bonding and absorption spectra in the ultraviolet. Part 12: Intramolecular hydrogen bonding between two electron-donor groups. Zhur.ob.khim. 35 no.12:2106-2111 D '65. (MIRA 19:1)

1. Khar'kovskiy politekhnicheskiy institut i Khar'kovskiy farmatsevticheskiy institut. Submitted April 28, 1964.

VOROSHKOV, I.

Perfect organization of automotive transportation units. Avt.transp. 43 no.11:17-18 N '65.

(MIRA 18:12)

1. Predsedatel' Zaporozhskogo oblastnogo komiteta professional'nogo soyuza rabotnikov svyazi, rabochikh avtotransporta i shosseynykh dorog.

MILAYEV, S.M.; VOROSHNINA, I.K.P.

Photometric determination of arsenic after extraction of AsI_3 with carbon tetrachloride. Zav.lab. 29 no.4:410-412 '63. (MIRA 16:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy gornometallurgicheskiy institut tsvetnykh metallov.
(Arsenic—Analysis) (Photometry)

L 00892-67 EWP(e)/EWT(m)/T/EWP(t)/ETI LJP(c) JD/WW/HW/JG

ACC NR: AP6021616 SOURCE CODE: UR/0021/66/000/006/0772/0774

AUTHOR: Kuz'ma, Yu. B.; Lakh, V. I.; Voroshylov, Yu. V. -- Voroshilov, Yu. V.; Stadnyk, B. I.

ORG: L'vov State University (L'vivs'kyy derzhavnyy universytet)

55
B

TITLE: Crystal structure of the compounds $Zr_2Ni_{21}B_6$ and $Zr_2Co_{21}B_6$

SOURCE: AN UkrRSR. Dopovidi, no. 6, 1966, 772-774

TOPIC TAGS: phase equilibrium, zirconium alloy, nickel alloy, cobalt alloy, boron alloy, x ray diffraction analysis, intermetallic compound, inorganic crystal

ABSTRACT: The authors study phase equilibrium in the Zr-Ni-B and Zr-Co-B systems. Fifteen alloys were studied in each of these systems with compositions of 5-20 at.% Zr, 80-55 at.% Ni(Co) and 15-25 at.% B. The alloys were prepared from powdered zirconium (99.5% Zr), nickel (99.9% Ni), cobalt (99.9% Co) and boron (99.5% B). These were thoroughly mixed and pressed into briquettes. The briquettes were then sintered in a vacuum furnace at 1200°C for two hours. After this, the specimens were melted in a vacuum arc furnace and subjected to homogenizing annealing in evacuated quartz ampules at 800°C for 120 hours. X-ray diffraction analysis based on Cr radiation was used throughout the study. The analysis shows the existence of the compounds $Zr_2Ni_{21}B_6$ and $Zr_2Co_{21}B_6$ (τ-phases). These compounds have cubic structures of the $W_2Co_{21}C_6$ type

Card 1/2

L 00892-67

ACC NR: AP6021616 0

(space group $Fm3m-O_h^5$); for $Zr_2Ni_{21}B_6$ a=10.628±0.005 A, and for $Zr_2Co_{21}B_6$ a=10.597± ±0.005 A. The compound $Zr_2Ni_{21}B_6$ has a region of homogeneity located on the 20 at.% B isoconcentrate at a zirconium concentration of 5-15 at.%. Increasing the Zr concentration from 5 to 15 at.% and reducing the Ni concentration from 75 to 65 at.% increases the lattice constant of the τ-phase from 10.609±0.005 A to 10.702±0.005 A. The existence of a second ternary compound was discovered in the Zr-Co-B system with a composition similar to $ZrCo_3B$. This article was presented for publication by Academician V. M. Svyechnikov. Orig. art. has: 1 table.

SUB CODE: 20/11/ SUBM DATE: 30Nov64/ OTH REF: 001

Card 2/2 afs

VOROSMARTHY, O.

VOROSMARTHY, Daniel

Examination of the accommodation curve with Colenbrander's method.
Szemeszet 94 no.4:171-176 Dec 57.

1. A debreceni Orvostudomanyi Egyetem Szemeszeti Klinikajanak kozlemenye (igazgato: Kettesy Aladar).
(ACCOMMODATION, OCULAR
measurement by Colenbrander's method (Hun))

Vorosmarthy, Daniel

VOROSMARTHY, Daniel

Precision and practical value of colorimetry with Pulfrich's photometer. Szemeszet 94 no.4:177-182 Dec 57.

1. A debreceni orvostudomanyi Egyetem Szemklinikajanak kozlemenye (igazgato: Kettesy Aladar).

(COLORIMETRY, appar. & instruments
Pulfrich's photocolorimeter, precision & practical value (Hun))

VOROSMARTHY, Daniel, BENKO, Karoly

Physical & biological bases of solar coagulation. Szemeszet 95 no.1: 1-5 Mar 58.

1. A Debreceni Orvostudomanyi Egyetem Szemklinikajanak (Igazgato: Kettesy Aladar egyetemi tanar, az orvostudomanyok doktora) es az Orvosi Fizikai Intezetnek (Igazgato: Toth Lajos egyetemi tanar, az orvostudomanyok doktora) kozlemenye.

(EYE, surg.
solar coagulation for bloodless intraocular operations, biol. & phys. bases (Hun))
(SUNLIGHT
same)

VOROSMARTHY Daniel, BENKO, Karoly

Solar cautery. Szemeszet 95 no.1:5-7 Mar 58.

1. A Debreceni Orvostudomanyi Egyetem Szemklinikajanak (Igazgato: Kettesy Aladar egyet. tanar) es az Orvosi Fizikai Intezetenek (Igazgato: Toth Lajos egyetemi tanar, az orvostudomanyok doktora) kozlemenye.

(EYE, surg.
solar cautery (Hun))
(SUNLIGHT
solar cautery of eye (Hun))

VOROSMARTHY, Daniel

Surgery of cataract and of cataracta secundaria photocoagula. Szemeszet 97 no.3:34-40 S '60.

1. A debreceni Orvostudomanyi Egyetem Szemklinikajanak kozlemenye (Igazgato: Kettesy Aladar egyetemi tanar, az orvostudomanyok doktora)

(CATARACT EXTRACTION)

VOROSMARTI, Antal, dr.

A discussion of the candidate's dissertation "Theoretical and Practical Problems of Complex Agricultural Area Research" by Dr. Lajos Gyenes. Reviewed by Antal Vorosmarti. Foldrajzi ert 9 no.2:225-228 '60.

VOROSMARTI, Antal, dr.

Debate about Dr. Jozsef Korodi's dissertation for candidacy entitled "Questions relating to the economic geography of the fertilizer industry with special regard to the problems of selecting sites." Foldrajzi ert 11 no.3:393-397 '62.

VOROSMARTI, Antal, dr.

Geological coal resources of the Soviet Union. Foldrajzi ert 11 no.3:398-405 '62.

VOROSMARTI, Antal, dr.

"Demografia, 1961"; a periodical review. Foldrajzi ert 11 no.3:418-419 '62.

NOVAK,E.,K.; VOROSNE,Polkai,Gy.

Rapid identification of Candida albicans. Kiserletes Orvostud. 12 no.2:188-194 Ap '60.

1. Orszagos Kozegeszsegugyi Intezet.
(CANDIDA)

VOROSNE, Folkai Gyorgyi; NOVAK, Erwin Karoly

Study of germinating and filiform fungi in bacterial culture media. Kiserl. orvostud. 16 no.1:12-15 Ja'64.

1. Orszagos Kozegeszsegugyi Intezet, Mykologiai laboratorium, Budapest.

*

VOROSNE-FARAGO, Elza

Computation of the heat balance of cupola furnaces. Ontode 13 no.2:40-48 F '62.

1. Vasipari Kutato Intezet.

HUNGARY / Plant Diseases. Cultivated Plants. O

Abs Jour: Ref Zhur-Biol., No 13, 1958, 58907.

Author : Vorosne-Felkai, G.
Inst : Not given.
Title : The Study of Botrytinia fuckeliana, the Stimulating Agent of the Grapevine's Gray Noble Rot.

Orig Pub: Novenytermeles, 1957, 6, No 1, 57-46.

Abstract: The investigated 35 strains of the fungus B. fuckeliana (Botrytis cinerea) from the country's various localities differed from each other by the size of the conidia and by the accumulation of certain sugars (arabinose, fructose, glycerine, etc.). The pH index of the nourishing medium was decreased considerably due to the production of acids. However, the consumption of these acids by the fungus brought about, in a few days, an increase of the

Card 1/2

HUNGARY / Plant Diseases. Cultivated Plants. O

Abs Jour: Ref Zhur-Biol., No 13, 1958, 58907.

Abstract: pH, which was sometimes higher than the pH of the parent substance. The production and consumption of individual strains also were dissimilar. In a one-week-old culture medium of the fungus, by the method of chromatography on paper, tartaric, citric, ascorbic and uranic acids were located. The culture of the fungus attained maximum dimensions during cultivation at 20° in the pH range of 4-5. In infecting grape bushes, the fungus developed on the dead spots of the leaves. The task was fulfilled by the cathedra of viniculture of the Budapest University of Gardening and Viticulture. -- P. M. Shterenberg.

Card 2/2

ZIL'BERMAN, L.Ye., inzh.; VOROSOVSKIY, B.G., inzh.

Modernizing presses used in shaping shoe-bottom parts. Leg. prom. 18 no.9:53-54 S '58. (MIRA 11:10)
(Shoe machinery)

VOROSS, Laszlo Zsigmond

Phenological observations in the Mecsek Mountains and vicinity in January 1961. Pecsi musz szeml 6 no.2:16-19 Ap-Je '61.

VORCSS, Laszlo Zsigmond

Ideas on the planting of trees on the streets of Pecs. Pecsi musz szeml 6 no.4:11-14 O-D '61.

VOROSS, Laszlo Zsigmond

Ormanysag; a region in Hungary. Term tud kozl 7 no.9: 430 S '63.

VOROSS, Laszlo Zsigmond

Flora of the Palahegy near Pecsujhegy. Pecsi musz szeml 8 no. 1: 24-4 of cover Ja-Mr '63.

1. High School Teachers College, Pecs.

VOROSS, Laszlo Zsigmond

Dust control on the Pecsujhely cinder hill by plants.
Pecsi musz szeml 9 no.1:6-14 Ja-Mr '64.

1. High School Teachers College, Pecs.

L 40171-66 EWT(m)/T/EWP(t)/ETI IJP(c) JD

ACC NR: AP6010102 SOURCE CODE: UR/0129/66/000/003/0065/0067

AUTHORS: Voroshnin, L. G.; Lyakhovich, L. S.

ORG: Belorussian Polytechnic Institute (Belorusskiy politekhnicheskiy institut)

TITLE: The influence of alloying elements on the electrolytic boration of medium-carbon steel

SOURCE: Metallovedeniye i termicheskaya obrabotka metallov, no. 3, 1966, 65-67

TOPIC TAGS: austenitic steel, boron, CARBON STEEL, METAL DIFFUSION, ALLOY

ABSTRACT: The influence of the alloying elements Ni, Al, Mn, Cr, Mo, and W, upon the thickness of the electrolytic boron layer on medium-carbon steels 40, 40N, 40N2, 40Yu, 40G, 40G2, 40Kh, 40Kh2, 40M, 40V, and 40V2 was investigated. In addition, the effect of the above elements on the energy of activation of boron diffusion in austenite was also studied. The activation energies were calculated by the method of V. D. Taran and L. P. Skugorova (FMM, 1956, t. III, vyp. 1). The experimental results, presented in graphs and tables (see Fig. 1), were found to be in good agreement with the results of M. Ye. Blanter and N. P. Besedin (MiTOM, 1955, No. 6). It was found that all alloying elements studied retard the growth of the boron layer. With increase in the degree of alloying of the steel and with an increase of the saturation temperature, the structure of the boron needles becomes more complex.

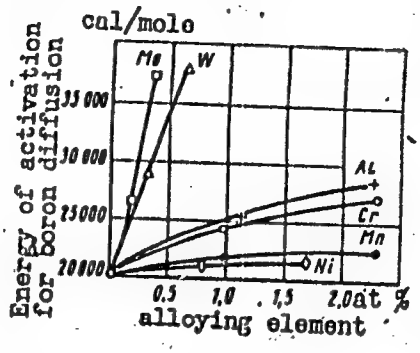
Card 1/2

UDC: 669.14.018:621.785.53

L 46171-66

ACC NR: AP6010102

Fig. 1. Effect of alloying elements on the energy of activation for diffusion of boron in austenite.



Elements which form stable borides increase the amount of the FeB phase and decrease the amount of the secondary Fe_2B boride phase. Orig. art. has: 1 table and 2 graphs.

SUB CODE: 11/ SUBM DATE: none/ ORIG REF: 003

Card 2/2

BALUTA, A.M., inzh.; SALGANIK, V.A., inzh.; VOROTELYAK, G.A., inzh.

Improving the technology of boring and blasting operations at the Ingulets Mine. Gor. zhur. no.9:30-32 S '64.
(MIRA 17:12)

1. Rudoupravleniye "Ingulets" (for Baluta). 2. Nauchno-issledovatel'skiy gornorudnyy institut, Krivoy Rog (for Salganik, Vorotelyak).

OVSYANNIKOV, A.N.; SALGANIK, V.A.; VOROTELYAK, G.A.; POLYANSKIY, V.S.

Ways of increasing the effectiveness of breaking ore with holes drilled with rock drills. Gor. zhur. no.12:10-12 D '62. (MIRA 15:11)

1. Nauchno-issledovatel'skiy gornorudnyy institut, Krivoy Rog.

(Krivoy Rog Basin--Boring)

VOROTELYAK, V.N.; LADYGIN, V.A., uchastkovyy geolog

Exploration of ore bodies at the Mindyak Mine. Gor. zhur. no.6:8-11 Je '64. (MIRA 17:11)

1. Nachal'nik Mindyakskogo rudnika (for Vorotelyak).

VOROTENITS'KA, S.

VEGERA, Mikhail Trofimovich; TARAN, Arseniy Grigor'yevich; VOROTENITS'KA, S., red.; PATSALYUK, P., tekhn.red.

[Manual for mechanics in charge of drain pumps] Posibnik mashynista prokhidnyts'koho vodovidlyvu. Kyiv, Derzh. vyd-vo tekhn.lit-ry URSR, 1957. 62 p. (MIRA 11:2)
(Mine pumps)

BARSKIY, Aron Mi'yevich [Bars'kyi A.E.]; VOROTENITSKA, S. [Vorotenits'ka, S.], red.; GUSAROV, K., tekhn. red.

[Two-sided milling] Dvokromkove frezeruvannia. Kyiv, Derzhtekhvydav URSR, 1958. folder (7 p.). (MIRA 11:10)

(Metal cutting)

VOROTENITS'KA, S.

DVORNIKOV, O.I.; VOROTENITS'KA, S., redaktor; BEZP'YAT'OV, R., tekhnichniy redaktor [redacted]

[Planning labor productivity and labor force in machine manufacturing plants] Planuvannia produktyvnosti pratsi i chysel'nosti robitnykiv na mashynobudivnomu zavodi. Kyiv, Derzh.vyd-vo tekhn.lit-ry URSR, 1957. 62 p. (MLRA 10:9)
(Labor productivity) (Machinery industry)

RUBINSKIY, Yuriy Mikhaylovich [Rubins'kyi, IU.M.]; VOROTENITSKAYA, S. [Vorotenits'ka, S.]; red.; BEZP'YATOV, R., tekhn.red.

[Establishing work norms and the organization of labor in the coal industry] Tekhnichne normuvannia ta organizatsiia pratsi u vuhil'nii promyslovosti. Kyiv, Derzh. vyd-vo tekhn.lit-ry URSR, 1958. 202 p. (MIRA 12:4)
(Coal mines and mining)

LEVICH, V.G.; KRYLOV, V.S.; VOROTILIN, V.P.

Theory of extraction from a falling drop. Dokl. AN SSSR 160 no.6: 1358-1360 F '65. (MIRA 18:2)

1. Institut elektrokhimii AN SSSR. 2. Chlen-korrespondent AN SSSR (for Levich).

VOROTILIN, V.P.; KRYLOV, V.S.; LEVICH, V.G. (Moskva)

Theory of the extraction of matter from a falling droplet.
Prikl. mat. i mekh. 29 no.2:343-350 Mr-Ap '65. (MIRA 18:6)

KAPLAN, G.Ye.; MOISEYEV, S.D.; GAVRILIN, V.M.; SEMENOV, G.I.; VOROTILIN, V.P.

Separation of thorium from rare earths by tributyl phosphate extraction. Ekstr.; teor.,prim.,app. no.2:154-159 '62. (MIRA 15:9)

(Thorium) (Rare earths) (Butyl phosphate)

LEVICH, V.G.; KRYLOV, V.S.; VOROTILIN, V.P.

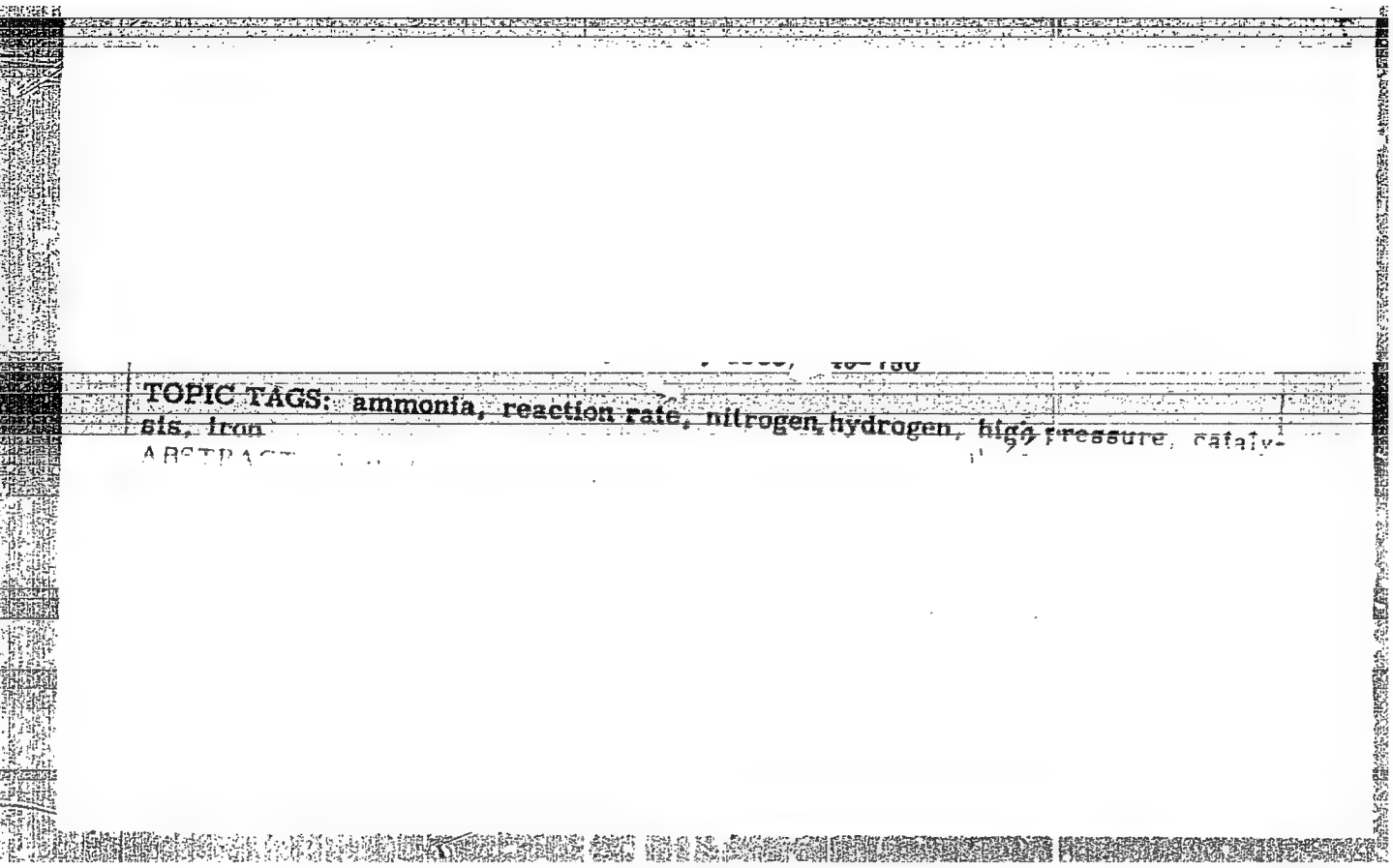
Theory of unsteady diffusion from a moving drop. Dokl. AN SSSR 161 no.3:648-651 Mr '65. (MIRA 18:4)

1. Institut elektrokhimii AN SSSR. 2. Chlen-korrespondent AN SSSR (for Levich).

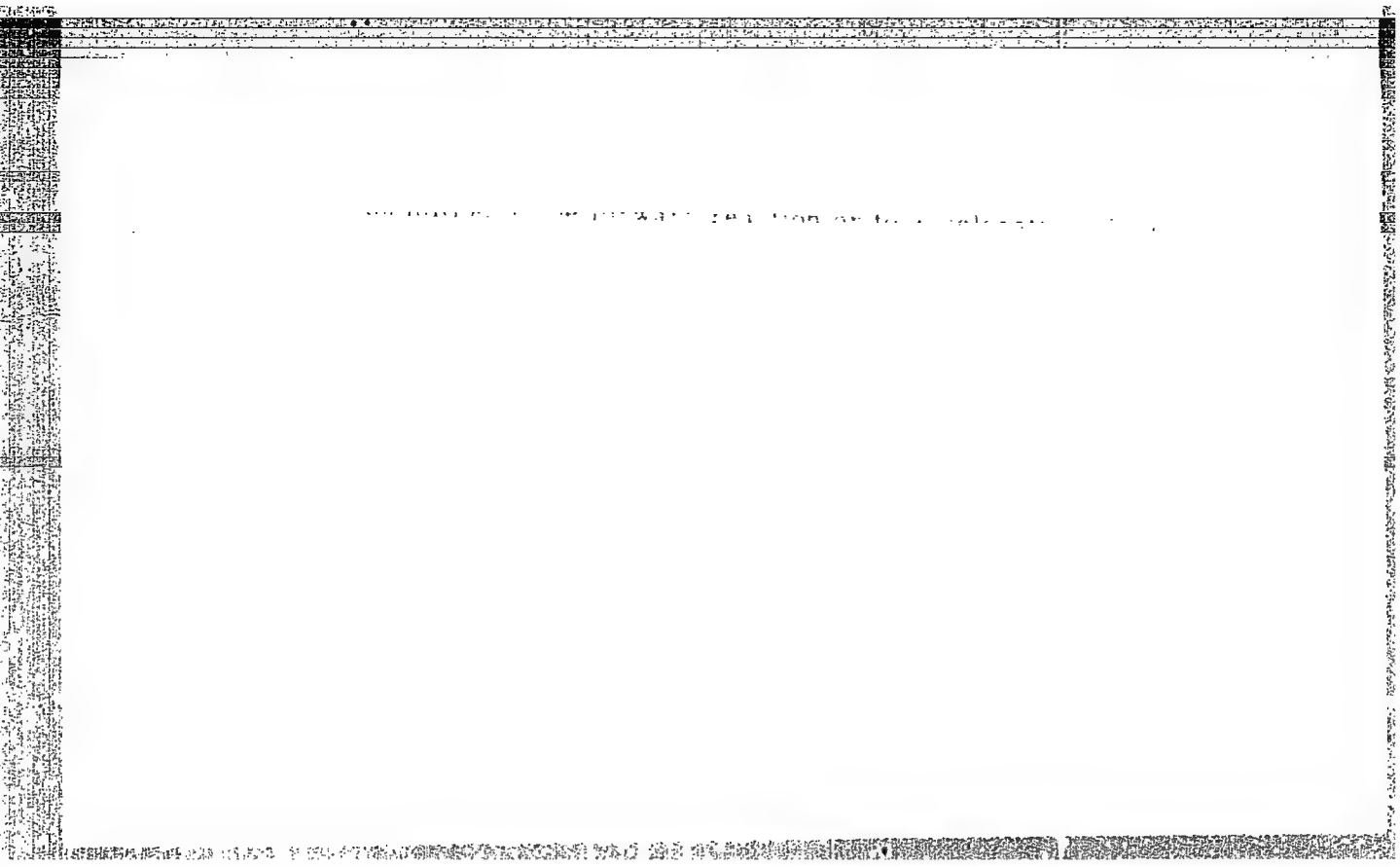
VOROTILINA, Z.I.; LACHINOV, S.S.

Self-inhibiting effect of ammonia on its synthesis under high pressure. Kin. i kat. 6 no.4:749-750 Jl-Ag '65. (MIRA 18:9)

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut azotnoy promyshlennosti i produktov organicheskogo sinteza.



TOPIC TAGS: ammonia, reaction rate, nitrogen, hydrogen, high pressure, catalysis, iron



APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861010019-4"

VOROTILKIN, A.I.

Vorotilkin, A.I. -- "Experimental Data on the Mechanism of the Effect of Matsestinsk Hydrogen Sulfide Water on the Human and Animal Organism." Dr Med Sci, Sverdlovsk State Medical Inst, Sochi 1951, (published 1953). (REFERATIVNYY ZHURNAL--KHIMIYA, No 1, Jan 54)

Source: SUM 168, 22 Jan 1954

USSR/Human and Animal Physiology - Internal Secretion. T-7
The Thyroid.

Abs Jour : Ref Zhur - Biol., No 18, 1958, 84366

Author : Vorotilkin, A.I.
Inst : -
Title : Morphologic Characteristics of Endemic Goiters in Chelyabinsk Oblast'.

Orig Pub : Tr. obl. konferentsii po endemicheskikh zobu i boleznyam shchitovidn. zhelezy, Chelyabinsk, 1957, 25-30

Abstract : Endemic goiters occurring in Chelyabinsk Oblast' are of the so-called "plains" type. However, malignant tumors develop less often from thyroidal nodes here than in other foci of "plains-type goiters".

Card 1/1

VOROTILKIN, A.I., prof.

Work of the Chelyabinsk Province Society of Pathoanatomists during 1958. Arkh.pat. 21 no.6:93-95 '59. (MIRA 12:12)

1. Predsedatel' obshchestva patologoanatomov Chelyabinskoy oblasti.
(CHELYABINSK PROVINCE--PATHOANATOMICAL SOCIETIES)

VOROTILKIN, A.I., professor

Council and Conference of Patheanatomists of Chelyabinsk Province. Arkh. pat. 19 no.2:91-92 '57 (MLRA 10:4)
(CHELYABINSK PROVINCE--ANATOMY, PATHOLOGICAL)

VOROTILKIN, A.I., prof.

Work of the Society of Pathologists of the Chelyabinsk region. Arkh. pat. 27 no.11:87-88 '65. (MIRA 18:12)

1. Predsedatel' Obshchestva patologoanatomov Chelyabinskoy oblasti.

VOROTILKIN, A.I.

VOROTILKIN, A.I., professor; VOROTILKINA, P.I., prozektor; SHABANYUK, T.P., assistent; SIDEL'NAK, A.N.

Cardiac tuberculosis [with summary in French]. Ter.arkh. 35 no.3: 93-102 '57. (MIRA 10:10)

1. Iz kafedry patologicheskoy anatomii (zav. - prof. A.I.Vorotilkin) Chelyabinskogo meditsinskogo instituta (dir. - prof. G.D. Obraztsov).
(TUBERCULOSIS, CARDIOVASCULAR, heart (Rus))

VOROTILKIN, A.I.

Primary cancer of the frontal sinus. Arkh. pat. 23 no.3:71-73 '61. (MIRA 14:3)

(NOSE, ACCESSORY SINUSES OF--CANCER)

VOROTILKIN, A.I., prof.

Work of the Society of Pathoanatomists of Chelyabinsk Province in 1962. Arkh. pat. 25 no.8:92-94 '63 (MIRA 17:4)

1. Predsedatel' Obshchestva patologoanatomov Chelyabinskoy oblasti.

RODINA, I.A.; ZHDANOVA, M.M.; VOROTILKIN, A.I., prof. (Chelyabinsk)

Cancer of the gastric mucosa with calcification. Klin.med. no.7: 128-129 '61. (MIRA 14:8)

1. Iz rentgenologicheskogo otdeleniya (zav. - kand.med.nauk M.M. Zhdanova) Chelyabinskoy oblastnoy klinicheskoy bol'nitsy (glavnyy vrach N.S. Klyukov) i Chelyabinskogo meditsinskogo instituta (dir. P.M. Tarasov).
(STOMACH—CANCER) (CALCIFICATION)

VOROTILKIN, A.I., prof.

Work of the Society of Pathoanatomists of Chelyabinsk Province in 1959. Arkh.pat. 22 no.5:87-89 '60. (MIRA 13:9)

1. Predsedatel' Obshchestva patologoanatomov Chelyabinskoy oblasti.
(CHELYABINSK PROVINCE—PATHOANATOMICAL SOCIETIES)

VOROTILKIN, A.I., prof.

Third meeting and scientific conference of pathoanatomists and experts in forensic medicine of Chelyabinsk Province. Arkh.pat. 18 no.2:129 '56 (MIRA 11:10)
(CHELYABINSK PROVINCE--ANATOMY, PATHOLOGICAL)

VOROTILKIN, A.I., prof., SIDEL'MAN, A.N., assistent

Conference of pathoanatomists and experts in forensic medicine of Chelyabinsk Province. Arkh.pat. 18 no.2:130 '56 (MIRA 11:10)
(CHELYABINSK PROVINCE--ANATOMY, PATHOLOGICAL)

VOROTILKIN, A.I., prof.

Ol'ga Mikhailovna Vedenina, 1910-1954. Arkh.pat. 18 no.3:141-142 '56 (MIRA 11:10)

(VEDENINA, OL'GA MIKHAILOVNA, 1910-1954)

VOROTILKIN, A.I., prof.

Activities of the Chelyabinsk Province of Pathoanatomists in 1957
Arkh.pat. 20 no.9:93-94 S'58 (MIRA 11:10)

1. Predsedatel' obshchestva patologoanatomov Chelyabinskoy oblasti.
(ANATOMY, PATHOLOGICAL--SOCIETIES)

VOROTILKIN, A.I., prof.

Work of the Society of Pathoanatomists of Chelyakbinsk Province in 1956. Arkh.pat. 20 no.7:89-90 '58 (MIRA 11:9)

1. Predsedatel' Chelyabinskogo oblastnogo obshchestva patologo-anatomov.
(ANATOMY, PATHOLOGICAL)

VOROTILKIN, A. I.

USSR/General Division - History. Classics. Personalities. A-2

Abs Jour : Ref Zhur - Biologiya, No 1, 1957, 54.

Author : A.I. Vorotilkin
Inst :
Title : Olga Mikhaylovna Vedenina (1910-1954).

Orig Pub : Obituary of the Pathologist and Anatomist Vedenina who successfully worked in the field of bone pathology; an author of 12 scientific works of which the most interesting were the investigations of the problems of fibrous mastopathy and its relation to cancer and cancer of the mammary gland.

Card 1/1

VOROTILKIN, P. A., zasluzhennyy master sporta, pochetnyy sud'ya vsesoyuznoy kategorii (Leningrad)

Resources for self-support. Za rul. 17 no.9:1-2 S '59. (MIRA 13:1)

(Leningrad--Motorcycle racing)
(Leningrad--Automobile racing)

VOROTILKIN, A.I.

VOROTILKIN, A.I., professor; VOROTILKINA, P.I., prozektor; SHAPOVALYUK, T.P., assistant; SIDEL'NIK, A.M.

Cardiac tuberculosis [with summary in French]. Probl. tub. 35 no.3: 98-102 '57. (MLRA 10:10)

1. Iz kafedry patologicheskoy anatomii (zav. - prof. A.I.Vorotilkin) Chelyabinskogo meditsinskogo instituta (dir. - prof. G.D. Chrzastov).

(TUBERCULOSIS, CARDIOVASCULAR, heart (Rus))

VOROTILKINA, P.I.

Actinomycosis of the heart. Sov. med. 20 no.6:66-68 '56. (MLRA 9:9)

1. Iz kafedry patologicheskoy anatomii (zav. prof. A.I.Vorotilkin) Chelyabinskogo meditsinskogo instituta (dir. prof. G.D.Obraztsov) i patologoanatomicheskogo otdeleniya (zav. prof. A.I.Vorotilkin) Chelyabinskoy gorodskoy klinicheskoy bol'nitsy (glavnyy vrach Ye.I. Morotskaya)

(HEART,
actinomycosis (Rus))
(ACTINOMYCOSIS,
heart (Rus))

VOROTILOV, M.

USSR/Farm Animals - Cattle. Q-3

Abs Jour : Ref Zhur - Biol., No 1, 1958, 2573

Author : M. Vorotilov
Inst :
Title : The Characteristics of Mineral Feeding to Cattle in the Arid Areas of the South-East.

Orig Pub : Molochn. i myasnoye zhivotnovodstvo, 1957, No 4, 26-29

Abstract : The experiment was conducted with four groups of calves (4 heads in each group) 2-3 months old. The first group received basic rations. The second group received basic rations plus chalk. The third group received basic rations plus bonemeal. The fourth group received basic rations plus bonemeal and cod liver oil. The average live weight of the animals at the age of two years was: 1st group - 474 kilograms, 2nd group - 463 kilograms, 3rd and 4th group showed a rapid growth, a well developed frame, muscles, and hide. The animals had a normal content

Cs Card 1/2

VOROTILOV, M.A.

Mechanized method for introducing carbamide into silage.
Zhivotnovodstvo 24 no.9:41-43 S '62. (MIRA 15:12)

1. Orenburgskiy nauchno-issledovatel'skiy institut molochno-myasnogo skotovodstva.
(Ensilage) (Urea as feed)

USSR / Farm Animals. Cattle. Q-2

Abs Jour: Ref Zhur-Biol., No 12, 1958, 54764.

Author : Vorotilov, M. A.
Inst : Not given.
Title : A New Experience in the Fattening of Cattle on Pasture.

Orig Pub: Tr. Chkalovskiy n.-i. in-t molochno-myasn. skotovodstva, 1956, vyp. 10, 277-288.

Abstract: In the experiment carried out in 1951 at the Experimental Base of the Chkalov Institute, the castrated young bulls of the first group were fed 56.3% more proteins during the last two months of fattening on pasture than the animals of the second group which, instead of protein, were given plenty of carbohydrates. In the young bulls of the second group, there was 3.1-4.6 kg. (27.3-30.4%) more internal fat than in

Card 1/2

USSR / Farm Animals, Cattle Q-2

Abs Jour: Ref Zhur-Biol., No 2, 1958, 7161

Author : M. A. Vorotilov
Inst : Not given
Title : New Aspects of the Fattening of Large Horned Cattle

Orig Pub: Zhivotnovodstvo, 1957, No 4, 70-73

Abstract: It has been ascertained that an effective fattening of young stock depends on the amount of protein in their feed, which is decreased by the end of the fattening period by 40-50 percent. Animals with a decreased amount of protein in their rations appeared to be in a much better condition than the control animals; they had larger deposits (by 4-5.4 kilograms) of internal fat, and of intermuscular fat, although the weight

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was approximately the same. It is recommended that toward the end of the fattening period (one to one and a half to two months), the amount of protein in the animal's ration be decreased, and the amount of carbohydrates increased by 33-40 percent over standard amounts allowed at the beginning of the fattening as a measure which stimulates the accumulation of fat.

Card 2/2

VOROTILOV, Mikhail Aleksandrovich; BABKINA, N.G., red.; TRUKHINA, O.N., tekhn.red.

[Pasture and feedlot fattening of cattle] Nagul i otkorm krupnogo skota. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1960. 90 p. (MIRA 14:2)
(Cattle--Feeding and feeds)

VOROTILOV, V. (Leningrad); BLYAKHMAN, L. (Leningrad)

Creative cooperation between instructor-economists and industry.
Vop.ekon. no.9:148-149 S '60. (MIRA 13:8)
(Leningrad--Research, Industrial)
(Leningrad--Industrial management)

VOROTILOV, V. (Leningrad)

Academic work conducted by the Economic Faculty of Leningrad University. Vop.ekon. no.9:158-159 S '59.
(MIRA 12:12)

(Leningrad--Economics--Study and teaching)

VOROTILOV, V.

Modernization of equipment and growth of labor productivity. Sots. trud no.5:33-39 My '58. (MIRA 11:6)
(Efficiency, Industrial)

VOROTILOV, V.; OVCHARENKO, G.

Modernization of equipment and growth of labor productivity.
Sots.trud 5 no.2:9-15 F '60. (MIR: 13:6)
(Machinery in industry)
(Labor productivity)

VOROTILOV, V., dots.

"Amortization and repair of capital assets in industry" by A.Dodonov. Reviewed by V.Vorotilov. Fin. SSSR 21 no.10:91-94 O '60. (MIRA 13:10)

1. Dekan ekonomicheskogo fakul'teta Leningradskogo gosudarstvennogo universiteta.
(Amortization) (Industrial equipment—Maintenance and repair) (Dodonov, A.)

VOROTILOV, Viktor Andreyevich; SUVOROV, I.V., red.; ZHUKOVA, Ye.G., tekhn. red.

[Efficiency of capital investments in a socialist society; theoretical problems] Effektivnost' kapit..'nykh vlozhenii v sotsialisticheskom obshchestve; voprosy teorii. Leningrad, Izd-vo Leningr. univ., 1961. 160 p. (MIRA 15:2)
(Capital investments)

LEBEDINSKIY, N.F.; OKTYABR'SKIY, P.Ya.; SMIRNOV, D.V.; VINLGRADOV, N.I.; KUZ'MAK, B.S.; BLYAKHMAN, L.S.; RYASHCHENKO, B.R.; POLOZOV, V.R.; SHALGIN, G.N.; MARKIN, A.A.; IGNAT'YEVA, E.P.; VOROTILOV, V.A.; KLYUYEV, A.I., dots., otv.red.; KARPOVA, L.A., red.; YELIZAROVA, N.A., tekhn. red.

[Hiddent potentials for increasing labor productivity in the national economy] Rezervy rosta proizvoditel'nosti truda v narodnom khoziaistve. Leningrad, Izd-vo Leningr. univ., 1962. 223 p. (MIRA 16:2)

1. Leningrad. Universitet.

(Labor productivity)

30(5);25(5) PHASE I BOOK EXPLOITATION SOV/1917

Vorotilov, Viktor Andreyevich

Vosproizvodstvo osnovnykh fondov promyshlennosti (Reproduction of Capital Assets in Industry) [Leningrad] Izd-vo Leningradskogo universiteta, 1958. 169 p. 2,800 copies printed.

Sponsoring Agency: Leningrad. Universitet. Redaktsionno-izdatel'skiy sovet.

Ed.: N.S. Mushkin; Tech. Ed.: S.D. Vodolagina

PURPOSE: This book is intended for scientific workers, practical economists and students in related fields of study.

COVERAGE: The book discusses the laws governing the reproduction of capital assets in the Soviet industry and also problems related to both direct and expanded reproduction of the means of production. In discussing various problems, the author presents specific proposals for their solution. The entire study is based on factual material originating in industrial establishments in Leningrad.

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The author thanks Doctors of Economic Sciences, A. Arakelyan and Ya. Kronrod, Docent V. Raud, and L. Blyakhmar. There are no references.

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Reproduction of Capital Assets (Cont.) SOV/1917

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VOROTILOV, VIKTOR ANDREYEVICH

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Vosproizvodstvo Osnovnykh Fondov Promyshlennosti (Reproduction of Basic Funds In Industry) Leningrad, Izd-vo Leningradskogo Universiteta, 1958
169 p. Charts, Tables.
At Head of Title: Leningrad.
Universitet.
Bibliographical Footnotes.

VOROTILOVA, L.B., inzh.; GUDIM-LEVKOVICH, T.E., inzh.

Determining the state and efficiency of the mechanization of engineering design, copying and duplicating processes. Mekh.i avtom.proizv. 17 no.9:55-58 S '63. (MIRA 16:10)

VOROTNEV, Petr Semenovich

[Socialist Troitsk] Troitsk sotsialisticheskii. Cheliabinsk, Cheliabinskoe knizhnoe izd-vo, 1962. 27 p. (MIRA 16:10)

(Troitsk--Description)

KISILEVSKIY, V.V.; VOROTNIK, T.K.; TYUTYUNNIKOVA, T.I.

Simple flame filter photometers. Zav. lab. 24 no. 7:885-887 '58.
(MIRA 11:7)

1. Khar'kovskiy nauchno-issledovatel'skiy institut osnovnoy khimii i Laboratoriya pochvovedeniya AN USSR.
(Photometers)

AUTHORS: Kisilevsiy, V.V., Vorotnik, T.K., Tyutyunnikova, T.I. SOV/32-24-7-45/65

TITLE: Simple Flame Filter Photometers (Prostyye plamennyye fil'tr-fotometry)

PERIODICAL: Zavodskaya Laboratoriya, 1958, Vol. 24, Nr 7, pp. 885-887 (USSR)

ABSTRACT: Apparatus for the determination of Li, Na, K and Ca were devised which operate with gas-, air-, and petrol-(benzene)-air flames. Because of the pressure fluctuations within the gas supply of towns the gas must be branched off by means of a device shown in a diagram. From it may be seen that the pressure control SPDM-100 with a leather membrane is used, which starts a signal system as soon as the gas pressure within the system drops below the desired value. A schematic representation of the filter photometer with a gas flame is also given, which shows that the gas is supplied through a purification system, and that on the other hand the purified air transports the finely disperse sample solution to the flame, with a vessel being devised that collects the coarsely disperse drops. Interference light filters as well as a selenium- or silver sulfide photoelectric cell, respectively,

Card 1/2

Simple Flame Filter Photometers SOV/32-24-7-45/65

were used for the determination of the spectral emission of sodium and potassium. The Photo current was measured by means of a mirror galvanometer with a sensitivity of $2.5 \cdot 10^{-9}$ A. The scheme operating with petrol or benzene is also given; in principle it is similar to the one described above, with the difference that the gas purification is carried out differently. The burner suggested by Schuhknecht (Ref 1) was found to be the one best suited for this purpose of several burners tested. The relative measuring error of the determination is quoted to be 3%.
There are 3 figures and 5 references, 3 of which are Soviet.

ASSOCIATION: Khar'kovskiy nauchno-issledovatel'skiy institut osnovnoy khimii i Laboratoriya pochvovedeniya Akademii nauk USSR (Khar'kov Scientific Research Institute of Basic Chemistry and the Laboratory of Soil Science AS, Ukrainian SSR)

Card 2/2

GEL'MANOV, K.; KHURIN, Mikhail (g.Lipetsk); VOROTNIKOV, A.

Good luck!. Tekh.mol. 28 no.6:1-3 '60. (MIRA 13:7)

1. Glavnyy inzhener Yeletskogo elementnogo zavoda (for Gel'manov). 2. Pervyy sekretar' Lipetskogo obkoma komsomola (for Vorotnikov).
(Efficiency, Industrial)

BARANOV, Ye.; VOROTNIKOV, A.

Floating dosimeters for measuring coagulating agents. Zhil.-kom.khoz. 9 no.10:26-27 '59. (MIRA 13:2)
(Water--Purification)

VOROTNIKOV, Il'ya Alekseyevich; RODIONOVA, Z.A., red.; KORNEYEVA, V.I., tekhn.red.; KARPOVA, T.V., tekhn.red.

[Entertaining mechanical drawing] Zanimatel'noe cherchenie. Moskva, Gos.uchebno-pedagog.izd-vo M-va prosv.RSFSR, 1960. 130 p. (MIRA 14:4)
(Mechanical drawing)

VOROT[illegible]NIKOV, IGOR' NIKOLAYEVICH

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MEKHANIZATSIYA TRUDOYEMKIKH PROTSESSOV NA NEFTEBAZAKH/MECHANIZATION OF HEAVY LABOR ON PETROLEUM BASES/ LENINGRAD, GOSTOPTEKHIZDAT, 1956

218 p. ILLUS., DIAGRS., TABLES.
"LITERATURA": P." 217-218

VOROTNIKOV, Igor' Nikolayevich; GLYADENOV, Viktor Petrovich; RIST, A.K., nauchnyy red.; SEGAL', Z.G., ved. red.; SAFRONOVA, I.M., tekhn. red.

[Mechanization of labor consuming processes on tank farms] Mekhanizatsiia trudoemkikh protsessov na neftebazakh. Izd.2., perer. i dop. Leningrad, Gostoptekhizdat, 1962. 314 p. (MIRA 15:6)
(Petroleum--Storage)

VOROTNIKOV, Igor' Nikolayevich; GLYADENOV, Viktor Petrovich; RIST, A.K., nauchnyy red.; DEYEV, G.A., vedushchiy red.; GENNAD'YEVA, I.M., tekhn.red.

[Assembling and repairing equipment at tank farms] Montazh oborudovaniia na neftebazakh. Leningrad, Gos.nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, Leningr.otd-nie, 1959. 344 p. (MIRA 13:11)

(Tanks--Repairing)

25(2) PHASE I BOOK EXPLOITATION SOV/2328

Vorotnikov, Igor' Nikolayevich, and Viktor Petrovich Glyadenov

Montazh i remont oborudovaniya na neftebazakh (Erection and Repair of Bulk Plant Equipment) Leningrad, Gostoptekhizdat, 1959. 344 p. 4,300 copies printed.

Scientific Ed.: A. K. Rist; Exec. Ed.: G. A. Deyev; Tech. Ed.: I. M. Gennad'yeva.

PURPOSE: This book is intended for personnel operating petroleum bulk plants and storage facilities for fuels and lubricants.

COVERAGE: This book is a manual on organizing, erecting and repairing various types of storage tanks, pumps and other bulk plant equipment. Useful information on basic materials, tools and devices, and layout of repair shops is given. Simple methods for mechanizing repair work and the main problems of organizing labor and carrying out safety techniques are covered. V. N. Titkov, A. I. Makarov, and V. N. Bogdanov are mentioned as authors of Proyektirovaniye i stroitel'stvo neftebaz

Card 1/5

(Design and Construction of Bulk Plants) published in 1953, and V. D. Taran, author of Tekhnologiya svarki i montazha magistral'nykh truboprovodov (Technology and Assembly of Trunk Pipelines). There are 14 references, all Soviet.

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VOROTNIKOV, I.N.

93-6-20/20

AUTHOR: Titkov, V., reviewer

TITLE: A Useful Book on Mechanization of Labor Consuming Operations on Tank Farms (Poleznaya kniga po mekhanizatsii trudoyemkikh protsessov na neftebazakh)

PERIODICAL: Neftyanoye khozyaystvo, 1957, Nr 6, pp. 70-71 (USSR)

ABSTRACT: This is a review of the book "Mechanization of Labor Consuming Operations on Tank Farms (Mekhanizatsiya trudoyemkikh protsessov na neftebazakh) by I.N. Vorotnikov and V.P. Glyadenov, published in 1956 by the State Scientific and Technical Publishing House of the Petroleum and Mineral-Fuel Industry (Gostoptekhizdat). The reviewer criticizes the authors for not giving complete information on the equipment they discuss. For example, in describing the laboratory oil-tank cleaning unit designed by the All-Union Scientific Research Institute for Transportation, Storage, and Use of Petroleum

Card 1/2

A Useful Book on Mechanization of Labor (cont.)

Products (VNIITneft'), the authors fail to mention that this unit has been described in detail in the Transactions of the All-Union Scientific Research Institute for the Processing of Petroleum and Gas and for the Production of Synthetic Liquid Fuel (Trudy VNII NP), Nr 5. In general the reviewer approves of this book and suggests that the Main Administration for Petroleum Marketing (Glavneftesbyt) select the most important equipment listed in the book and organize its production. The reviewer recommends equipping tank farms with UPM-6 type portable hoists of 500 kg lifting capacity for lifting oil barrels.

AVAILABLE: Library of Congress

Card 2/2

SOV-109-3-4-23/28

AUTHORS: Braginskiy, V. B. and Vorotnikov, L. P.

TITLE: Separation of the Higher Harmonics in a Reflex Klystron by Means of Complex-Form Resonators (O vydelenii vysshikh garmonik otrazhatel'nogo klistrona pri pomoshchi rezonatorov slozhnoy formy)

PERIODICAL: Radiotekhnika i Elektronika, 1958, Vol 3, Nr 4, pp 573-574 (USSR)

ABSTRACT: One of the methods of obtaining the wavelengths in the millimetre range is based on the separation of the high order harmonics in a klystron. The separation can be done by means of a special resonator, such as a toroidal cavity which "gradually" feeds into a waveguide terminated with a moveable piston; the waveguide attenuates the fundamental wave. This type of resonator can be particularly useful in extracting the 3rd harmonic. The problem was investigated experimentally and the results are shown in the figure on p 573. The curves in the figure show the output

Card 1/2

Separation of the Higher Harmonics in a Reflex Klystron by Means of Complex-Form Resonators

power of the 3rd harmonic (dashed curve) and of the fundamental as a function of the reflector voltage. The paper contains 1 figure and 1 French reference.

ASSOCIATION: Fizicheskiy fakul'tet Moskovskogo gosudarstvennogo universiteta im M. V. Lomonosova (Physics Department of the Moscow State University imeni M. V. Lomonosov)

SUBMITTED: June 22, 1957

1. Klystrons--Performance 2. Cavity resonators--Applications
3. Wave guides--Performance

DEGTYAREV, I., polkovnik, kand. voyennykh nauk; PLATONOV, B., leytenant; VOROTNIKOV, M., polkovnik.

The training of tank crews. Tankist. no.5:19-21 My '58.
(Tank warfare) (Military education) (MIRA 11:6)